Competing rhythmic neural representations of orientations during concurrent attention to multiple orientation features
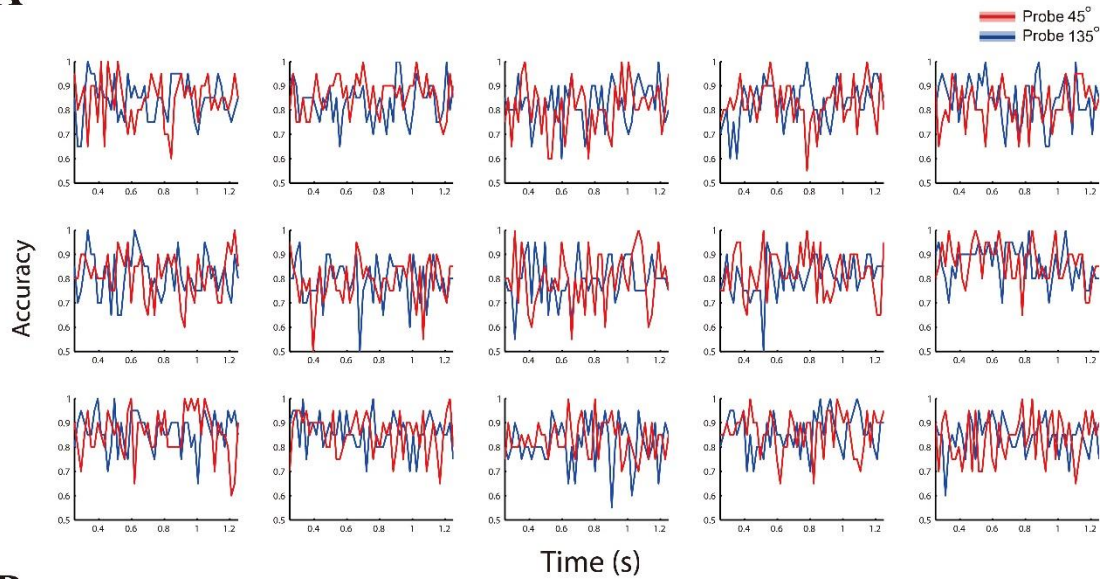
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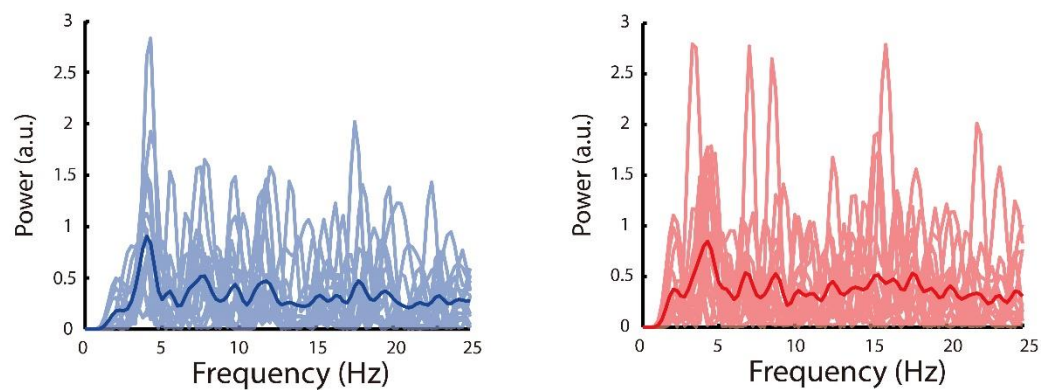# Supplementary figures
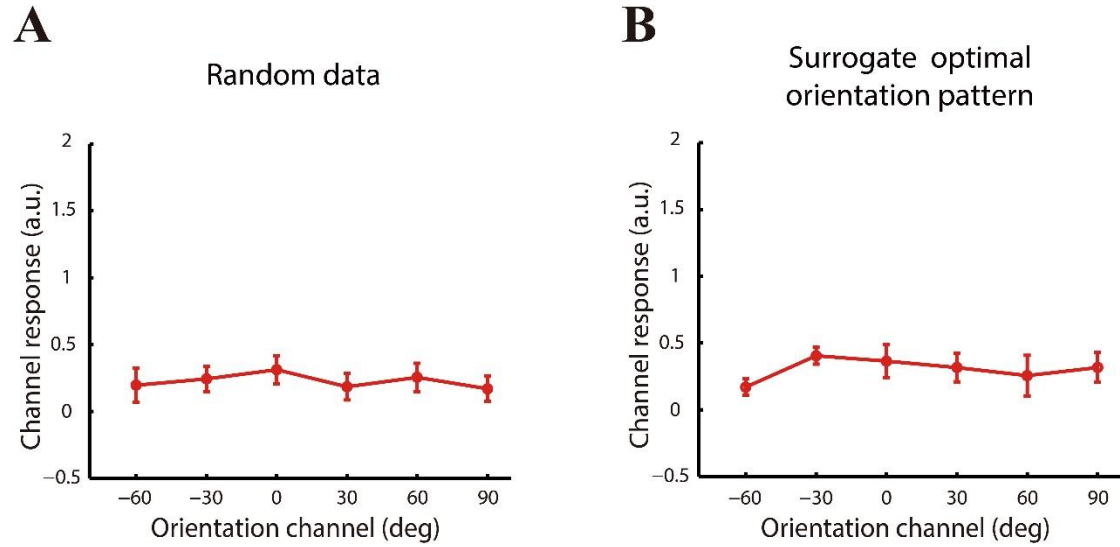
Supplementary Figure 1

A

B

Supplementary Figure 1. Behavioral results for individual subjects

A) Raw time-resolved behavioral courses for individual subjects. B) Power spectra for individual subjects are shown in desaturated colors. Group averaged results are shown in saturated colors.

Supplementary Figure 2

A

Random data

B

Surrogate optimal
orientation pattern

Supplementary Figure 2. Validation of the IEM approach.

Channel response functions in the post-stimulus period obtained by applying the same IEM model to the surrogate data (Left) and by applying the IEM model trained by the surrogate optimal orientation pattern (i.e., the trial-wise pattern of instantaneous sensor signals that yielded the highest orientation decoding performance in the pre-stimulus period) to the original data (Right). Neither of them exhibited a bell-shaped profile that suggests representation of orientation information.